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IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant(s): Junghoon LEE et al.

For: THIN MEMBRANE TRANSDUCER

Serial No.: 10/723 307 Group: 2855

Confirmation No.: 6841

Filed: November 26, 2003 Examiner: Unknown

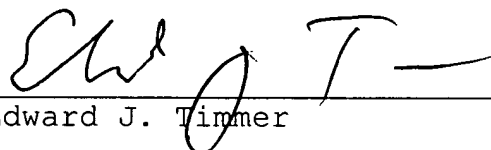
Atty. Docket No.: NU22102

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

FIRST CLASS MAILING CERTIFICATE

Sir:

I hereby certify that this correspondence is being deposited with the United States Postal Service under 37 CFR 1.8 as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on January 18, 2005.


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Correspondence: Information Disclosure Statement including
enclosures listed thereon



PATENT APPLICATION
January 17, 2005

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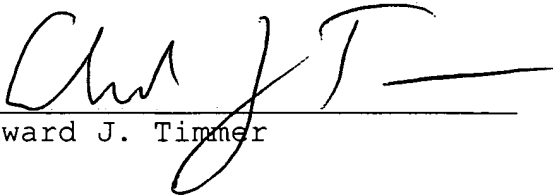
INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is being filed in accordance with the duty of disclosure under 37 C.F.R. § 1.56 and pursuant to 37 C.F.R. § 1.97-1.98. Enclosed herewith is Form PTO-1449 (2 pages) and a copy of each of the Non-Patent Literature Documents. Accordingly, further comment at this point in time should not be necessary.

Further consideration is respectfully solicited.

Respectfully submitted,


Edward J. Timmer

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Encl: Form PTO-1449 (2 pages)
Non-Patent Literature Documents (12 articles)
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INFORMATION
DISCLOSURE
CITATION

Applicant : Junghoon LEE et al.

Serial No. : 10/723 307

Art Unit : 2855

Page 1 of 2

Filed : Nov 26, 2003

Atty. Ref. : NU22102

U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Name	Class	Sub Class	Filing Date

FOREIGN PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Country	Class	Sub Class	Translation Y/N

NON PATENT LITERATURE DOCUMENTS

AA	FRITZ et al., "Translating Biomolecular Recognition into Nanomechanics," Science, Vol. 288, 2000, pp. 316-318.
AB	WU et al., "Bioassay of prostate-specific antigen (PSA) using microcantilevers," Nature Biotechnology, Vol. 19, 2001, pp. 856-860.
AC	Subramanian et al., "Glucose biosensing using an enzyme-coated microcantilever," Applied Physics Letters, 81(2), 2002, pp. 385-387.
AD	Hagan et al., "Nanomechanical Forces Generated by Surface Grafted DNA," Journal of Physical Chemistry, B 106, 2002, pp. 10163-10173.
AE	Thaysen et al., "Su-8 Based Piezoresistive Mechanical Sensor," IEEE Workshop on MEMS, 2002, pp. 320-323.
AF	Lin et al., "Surface Stress Curves for Gold," J. Electrochem. Soc., 123, 1976, abstract only.
AG	Lee et al., "SPR Imaging Measurements of 1-D and 2-D DNA Microarrays Created from Microfluidic Channels on Gold Thin Films," Anal. Chem., Vol. 73, No. 22, 2001, pp. 5525-5531.
AH	Savran et al., "Fabrication and Characterization of a Micromechanical Sensor for Differential Detection of Nanoscale Motions," J. of Microelectromechanical Systems, Vol. 11, No. 6, 2002, pp. 703-708.
AI	Berger et al., "Surface Stress in the Self-Assembly of Alkanethiols on Gold," Science, Vol. 276, 1997, pp. 2021-2024.

EXAMINER

DATE CONSIDERED

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DISCLOSURE	Serial No. : 10/723 307	Filed : Nov 26, 2003
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FOREIGN PATENT DOCUMENTS

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NON PATENT LITERATURE DOCUMENTS

	AJ	Bowden et al., "Spontaneous formation of ordered structures in thin films of metals supported on an elastomeric polymer," Nature, 393, 1998, pp. 146-149.
	AK	Hansen et al., "Cantilever-Based Optical Deflection Assay for Discrimination of DNA Single-Nucleotide Mismatches," Anal. Chem., 73(7), 2001, pp. 1567-1571.
	AL	Thaysen et al., "Cantilever-based bio-chemical sensor integrated in a microliquid handling system," IEEE Workshop on MEMS, 2001, pp. 401-404.

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